

## Water, Water, Everywhere Project Based Learning Timeline

### Week 01

#### What Do We Know? What Do We Need To Know?

Entrée activity/motivational set leading to driving question.

Establish what we do know with survey of student knowledge and skills and what we need to know.

Provide scaffolding as necessary for water issues, scientific method, water testing kit, mapping, GPS, Google Earth, video rubrics, sourcing, Wiki, journaling, images, camcorder, interviewing, and video editing.

Students will journal everyday with the teacher providing an optional focus question.

### Week 02

#### Water Testing

Gather applicable health guidelines for water. Complete water testing using kits and record data.

Each group must conduct a videotaped interview.

### Week 03

#### Analysis of Water

Come to a conclusion about local water by comparing the testing results to the guidelines.

Research the global state of water; especially pollution, shortages, and costs.

### Week 04

#### Value of Water

The class will use concept mapping to develop an outline of a video on the value of water to present to local government. The outline will make use of raw video footage from interviews.

Each group is responsible for storyboarding, scripting, producing, and editing a segment of the video. Students will self-assess and the teacher will assess the group's segment of the video with the rubrics.